From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Larry East <w1hue@amsat.org>
Subject: [12703] /QRO?
Message-ID: <2.2.16.19970221161333.2b5fae02@eloi>

Heard a station on 40M last night sign ".../QRO" after calling CQ. Wonder if he was braging or warning... ?

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Steve/N0TU <N0TU@webaccess.net>
Subject: [12653] 38 Special "Guns n Roses" up on the web!
Message-ID: <330CFB5B.2D0E@webaccess.net>

Hey Jim.....I put your "Guns and Roses" up on my webpage(link is on the bottom)!.....I had to lightened up the JEPG files they were too dark. Let me know what you think! Ur 38s Looks great...Now I'm excited to get busy on my 38s and find one of those neat tins!!

CUL Steve

---
portable/solar powered QRP QRP-L # 911
49er/HW8/ExplorerII/Zepp in attic @ CO SPGS,CO ARS# 206
HTTP://www.webaccess.net/~S&P Steve-N0TU

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [12696] 38 special DX
Message-ID: <199702212208.XAA12356@mail.med.up.pt>

Hi, folks,

I will try to let someone to work DX with the 38 Special. Will be near 10106 +/- QRM at about 0100 UTC of the 22nd February 1997, calling CQ 38. First coming (if any...), first served!

Best 72/73 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD, PhD

Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [12698] 38 special DX
Message-ID: <199702212214.XAA12378@mail.med.up.pt>

Hi, folks,

About the sked for tonight, I will be using my QRP+, feeding a FD4-like Windom (w/ extra wires for 30/15), fed at about 18 meters AVG, from IN51re (Porto, Portugal). Power: 5 watts.

Good luck.

72/73 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Stephen Krosner <skrosner@mindspring.com>
Subject: [12712] 38S help in atlanta
Message-ID: <3.0.32.19970221131735.006ac9a0@mindspring.com>

Is there anyone in the atlanta area that has completed a 38S with the mods and brought it up? I am having problems on the tx side and would sure like to find someone to have an eyeball QSO. Send me an direct email and I'll call to set it up. Basic symptoms are:
     If I ground point 9 (straight key hot) the rig switches to xmit, and draws

about 1.5A but I can't hear it on my other (FT900) rig.
    If I use the tick keyer, the sidetone is way way down. Barely discernable. If I touch an earphone to pin 3 of the keyer chip, I get great sidetone. However, nothing that I do with the Tick keys the rig.
    I have checked all voltages per the list on the norcal page and all seem OK.
    I have a DVM and am considering getting the RS digital scope probe but that's all the test gear I have.

    I'm stumped. Any ideas greatly appreciated. Steve. K2ZPF

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: PDouglas12@aol.com
Subject: [12667] 38S xtal requests
Message-ID: <970220221238_-1976002065@emout15.mail.aol.com>

Gang,

Bill KD7S had a capital suggestion. If you got a bum xtal from Norcal the ideal way to get a new one is to send Doug Hendricks a small padded SASE. Look, you are entitled to your crystal, I know. But consider these factors.

Doug and Jim have put literally hundreds of hours of sweat equity into getting your 38S manufactured and into your hands. A commercial for-profit outfit couldn't do it for twice the money, and frankly a commercial outfit shouldn't do it, since they would lose their shirts. But note that on top of the labor, these guys took a big risk in doing this. They collected several tens of thousands of dollars and bought boards and parts with the money--if the darn things didn't work (boy did that worry me when I built one of the first ones--thank God it worked!) they had a pile of parts and hundreds of folks who would want their money back. In case you didn't notice, Norcal is us (apologies to Pogo.)

Now, multiply the 32 cents plus envelope cost for each kit (x275) and you come up with more than $100 out of either Doug's own pocket (totally unfair) or Norcal's--remember that's us. I would respectfully suggest that while email may look faster and 64 cents cheaper (if you pay the round trip), better practice and potentially faster service will be forthcoming if you get out your ball point, address the envelope and enclose a return envelope. Frankly, a regular business envelope will almost certainly do the trick--hard to kill a crystal.

If you need the address for Norcal, it is on the envelope your 38S came in. (OK ok, I know that sounds suspiciously like sarcasm.)

Don't flame me. I've already had a hard week. If you feel that you are just a regular paying customer, well then email Doug and ask for your crystal.

You're entitled.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Jim and Nancy Larsen <larsennc@alaska.net>
Subject: [12679] AL7FS on from KL7Y - 2/23 Sunday.
Message-ID: <330D312D.70DB@alaska.net>

Greetings from Alaska,

I will be operating from KL7Y on Sunday. I do not yet know my schedule.
I will operate highest open band. Last time 14.057 was good and 7.051.
I will obviously move around to dodge the QSOs and QRM.

Please, if you work me, post my frequency and UTC time for the net as I
will not be able to post very often if at all from KL7Y.

I will be operating CQC 1997 Winter QSO Party. Maybe we can top the 98
QSOs from FSFD. If you work me before 2200Z feel free to work me again
for the contest.

This should be fun!

73,
AL7FS JIM LARSEN
AK   CQC 284

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Dave Adams <adamsclan@netgate.net>
Subject: [12684] All set to go!
Message-ID: <330D5A84.127F@netgate.net>

Well, I've been working feverishly at the new workbench (peg board and
everything..)...(I live in an apartment, so this is a major new
deal!)...to get ready for FYBO.

Finally wired up the SLVern antenna...four sets of radials...looks good
(even got to use the dremel to remove that screw end)

Explorer 40 is repaired (maybe)...(...if it cuts out again, it is slated
to go to Dick for a once over)

Power Station charged and ready

All necessary cables soldered up and tested

HW8 (which I didn't build but did repair) rip rarin' to go....

New battery in the keyer...

See you all on the air!

73 de dave, n9uxu

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: talljazz@teleport.com (Dan Presley)
Subject: [12735] Are we reading the same QST???
Message-ID: <v0153050caf33dde90a6d@[206.163.124.8]>

OK-new QST arrives; open to the picture page (I'm simple!), and I see some young scouts running QRP ssb (OK, it says 12 w, but still...);down the page is a nice picture of a bike qrp setup w/ a NN1G 30m radio used in Switzerland-cool! I open to the lead article, and Hey! It's about the QRP to the field sailboat trip the eastcoast guys did last April. Next article is about a qrp inverted-l antenna tuner put together by the folks in Ohio that came up with the "spider" qrp rigs. That's all within the first 25 pages-not bad for a magazine & organization that is a 'broad spectrum' ham group. I feel pretty smug until somebody points out the short letter (I usually don't even read this section!) that is obviously thrown in to 'shake things up' a little, and is written by a newcomer to the hobby.Now guya are saying funny things like QST is 'slamming' QRP,etc.Well guys, if this issue is a 'slam', then keep 'em coming! Be careful-you may get what you wish for!
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "STEVEN V. SELLMEYER" <ss94239@navix.net>
Subject: [12660] ARRL & QRP Column
Message-ID: <330D2D8D.56BD@navix.net>

Hi Gang:
   A few days ago I sent the ARRL e-mail concerning "Why no column about QRP?" I

REALLY
was curious!!! I did receive a nice reply from Steve, WB8IMY the Managing Editor and
returned a thank you for doing so.
In summary he stated: Eventually they may run a QRP column but at the present, space is
a problem as they have already squeezed out Lab Notes and Exploring RF. Advertising has
declined so they have less editorial space also. Steve's final statement was perhaps
when the hobby comes out of it's current financial slump they will be able to take a
renewed look at adding columns to QST.

This is NOT intended to flame ARRL or anyone but for those of you who have often wondered.....now you know. Just thought I would pass along the info folks!

Steve.....WB0QQT

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [12728] AT11-works Great!!!
Message-ID: <01IFOKWSNQW88WZC5H@tntech.edu>

Good Day!!!!

I took the 1/2 day off to come home and play with new toys (the chip and my QRP+ both arrived).

well.. here is a new one for you. I knew I was about as careful as could be and really believed the finished kit to be a work of art. I was very perplexed after checking and rechecking everything. I might have never found the problem. I decided to read the QST article over a few times for hints. at one point I hesitated.. There was a picture of what looked like an earlier version at the beginning of the article. I noticed the crystal. It was folded down. I remembered in the back of my mind when building the kit there was something in the instructions about putting a wire across the crystal. I couldn't figure out how to do that, since my crystal was standing upright. I remembered when checking the crystal thinking the case should be grounded. Before I popped the chip in, I figured out what I was really suppose to do so I soldered two decent size wires to the holes and then to the top of the crystal.

Plugged in the chip, turned on the power.. and low and behold..

works fantastically. I have already re-arranged my working bench
to use the new tuner with 3 different antennas.. a Gap vertical, a
5 band quad and a resonant 160 meter dipole. Seems to tune each
everywhere, real fast.. good way to start the weekend.

Got the QRP+ plugged in.. just need to figure out how to use it.

LDG was fantastic in helping me try to figure this out.. TOP
quality service, top quality product, and I might add, built in
America, and built extremely well :-)

thanks again Scott

73
Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [12649] Atn. Doug Hendricks, ur host unk.
Message-ID: <n1355660646.35906@msmailgw1.arlut.utexas.edu>

Sorry for the BW, gang,
his mail or the adr. I got from his posting is having a problem-

Doug,
I have one of the bad Koyo xtals, one kit

Stuart Rohre
603 Buffalo Pass
Round Rock TX 78681

Will be glad to send the Koyo back, provide postage, padded envelope or adr.
label to lessen burden on you and NorCal.
72, Stuart K5KVH

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [12681] CMOS 111...Negative Keying Success
Message-ID: <199702210617.WAA21768@islander.whidbey.net>

Greetings from the Okie, in the Pacific Northwest. Before leaving on
my trip I finished the keyer project. FYI, the circuit in the manual
for negative keying works like a champ. Mouser carries the needed
transistor for twenty five cents, so it didn;t even break the bank.

Hope to work some of you in FYBO this Saturday.

72. Clif AB5UA @ the qth of
Phil Sikes - KJ7NS
ARCI #9196 - QRP-L #528
FISTS #2602 - NW QRP #412

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [12719] Coax Spec's ?
Message-ID: <Pine.LNX.3.93.970221134932.926C-100000@dns.vidtel.com>

Not completely QRP (but I promise I'll never put more than 5W through it:)
I was just asked to "throw out" 150-200' of new (never used) Ethernet
coax. I know the question has been asked before but, any pointers on the
spec's for BELDEN 9880? It's a .405", 50ohm, double-foil, double-braid,
solid conductor, foam core coax. I'd use it for my "stealth" antenna at
the house but it's "don't-walk-off-with-me-on-field-day" yellow.
Neighbors might actually see this one! I know it probably doesn't hold up
to UV well, but I'm more interested in loss/100'/MHz. E-mail only, no
need to clutter the list. TNX

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
-- | http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Heron, George" <HeronG@MAILNJ.Dialogic.com>
Subject: [12734] Coherent CW?
Message-ID:
<c=US%a=_%p=Dialogic%l=EXCHANGE1NJ-970221230711Z-1158@exchange1nj.dialogic.com>

Wondering if anyone recalls what "Coherent CW" is, or if it's still an
active technique?

I was involved in some discussions with some QEX (I think) experimenters
about this over 15 years ago and have since lost track of the subject.
Had something to do with phase-locked frequency sync of the transmitter
and received, thus allowing very narrow BW operation.

Thanks.

--George N2APB
g.heron@dialogic.com

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [12713] CQC Swap List Update
Message-ID: <330DE7D9.4A76@mtechnologies.com>

The CQC Swap List has been updated. You can point your browser to:
http://www.mtechnologies.com/mthome and look for the CQC logo near
the bottom of the page. If you want to subscribe via email, send a
message to rschneid@ix.netcom.com.

The swap list page now contains a form for submission of updates-- you
don't have to be a member of CQC to use it!

73
Marshall
AA0XI

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Karl Heimbach <heimbach@concentric.net>
Subject: [12714] Cross reference for HW-8 diodes - FL1100
Message-ID: <330DE994.4DC1@concentric.net>

Hi gang,

I'm in the middle of rehabbing a non-functioning HW-8. I am in need of
a cross reference for the FL1100 diodes used in the balanced mixer.

My Motorola, ECG, and NTE cross references all draw a blank here.

Can anyone suggest a substitute?

Tnx... Karl - W5QJ

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [12705] Cuba
Message-ID: <199702211637.KAA11295@vob005.spd.dsccc.com>

Brian wrote (BC>)
 BC>
 BC> From: Brian Cieslak <brianc@ams-i.com>
 BC> Subject: WI Fox Results - Feb 21-AE9K
 BC>
 BC> I did hook a couple of unsuspecting souls, particularly the lonely Cuban
 BC> in Havanna City, Dennis, CO2CN. He was intrigued by QRP and would like
 BC> to see the schematics for some home brew rigs..Can we send that
 BC> technology to Cuba? He had the cleanest sig I've heard out of Cuba?
 BC>

What about a xerox copy of a magazine article?
Maybe that would be safe?
72s,
Charles Cashion, W5ISZ, ccashion@spd.dsccc.com

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [12704] Darn... It's gonna be nice out :-(
Message-ID: <Pine.LNX.3.93.970221111452.642B-100000@dns.vidtel.com>

Well seems that MD won't be frozen over this weekend. Now what will I do
with all these badger sized parkas? It's supposed to rain in the morning
here and be in the 60's but it *should* cool off into the 30's by
midnight :)   Also did anyone else notice that the moon is full on Feb
22nd? You know what they say about the "types" that are out during the
full moon. Just for grins, here a few temp forcasts for tomorrow;

Atlanta   60/36F
Albany   51/13F
Buffalo   41/13F
Cheyenne   35/12F
Dallas   100/100F (hi hi, Guess things really are bigger in TX)
Milaukee   24/12F
Sante Fe   38/19F
Wash DC   64/30F

And the BIG winner.... Deluth 16/0F x6 no matter when you operate.
Everything is tested and ready, now if I can just *force* myself to get up
before noon...   73 es cu on 7.110/3.710 +- de N3XRV/T

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
-- | http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: w8lrm@qtm.net
Subject: [12721] Debugger #1
Message-ID: <199702211910.OAA12944@garcon.qtm.net>

I lost my file with Debugger #1 Day 2. Can someone
send me a copy ?? Thanks to a great group.
              ......de....W8LRM.....Al

MI-QRP #41   QRP-L #532   QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [12682] Debugger #1 Day 5
Message-ID: <199702210657.AAA18823@admin.inetport.com>

OK OK so we put power on already...Smoke stayed in...
Just a relay click...Ummmm Thats not right....
But more on that in a minute.

I sort of lied the other day when I said that I had checked
all of the installed parts. What I had done was inventoried
all the parts and listed what was installed. Today went back
and checked installed versus what was specified. Didn't find
much to worry about.(is that RIGHT Jeeves??...)

1. Zener diode in the RIT circuit is a 400mw unit instead
   of the 500mw unit listed in the parts list.
2. The 47pf cap from the pin 7 of the TX mixer NE602 is a
   disc ceramic instead of the mono spec'd in the parts list.
3. There was a flaky looking poly cap in the VFO ckt that
   didn't match the physical looks of the like valued unit
   setting next to it so I put the matching one from the parts
   cache in it's place. It was really too fat for the location.
   Don't know whiy the other one wasn't in there... It looked
   unused.
4. The trimmer cap for the VFO is spec'd as an 8 pf unit but
   a 50pf unit is in there. No 8pf in sight. All the trimmers are
   orange, so I'm assuming they're all 50pf. Not worrying

about this one.

5. The driver device is spec'd as a 2N3866 or 2N5107 but a 2N2222a is installed. There is an ECG 311 in the parts cache that may have been intended for that slot at some time. I have a hunch that maybe the biasing is not quite right on the driver since they (RadioKit) seem to have been changing that device around. It was a 2N5109, then changed to a 2N2222a, then to a 2N3866 or 2N5107. The emitter resistor was shown as 47ohms bypassed with a .1 cap. Now the note says use the 2N3866 or 2N5107 and use a 15ohm emitter resistor. The rig presently has a 2N2222 and a 15 ohm emitter resistor in there....We'll see I guess....
6. The notes say that the final is now a 2SC2075 but an MRF 476 is in there. The NA5N Data Book says that the 2075 is a 'Motorola direct replacement' so I guess that's ok. The parts cache has an ECG 235, a TO220 device that maybe someone had something in mind for.... Tested the MRF476 with an ohm meter and its not shorted or open...
7. The RF chokes in series with the crystals in the BFO and TX offset osc are both spec'd as 10uh units. One has a 22uh unit installed, and the other has an 18uh unit installed. The QRP-30 uses 22uh units and the original QRP 15 article used 33 turns of #32 on a T25-2 core... I have some 10s if we get into a problem here.

So thats about the size of that. Most parts OK... I suspect some of the changes I see are due to previous debug work....

Went to my favorite parts store in Austin today(M.C. Howard Electronics, Inc) to pick up some parts and see if I could get the right driver device. Howard started an industrial surplus/salvage operation and so you can never tell what you might find in there. Couldn't find the 2N3866/2N5107 but got a lot of other stuff. Almost like Dayton....buy parts by the handful. Bought about a 1/2 bushel of crystals...but more on that next week when I have time to see just what I got. Had another 1/2 bushel there, but couldn't figure out what I'd do with about a thousand 14.318mhz crystals :-) . The ones I got are all over the map from point sumpin' khz to forty sumpin' mhz. See some HC6U cans in there.....

Had at the last toroid that I plan to take out. It is L4 in the tank on the output of the MC1350 IF amp. It is spec'd as 11 bifilar turns of #28 on a T30-2 core with a 2 turn link. Main turns were ok but the link was 3 or 4 Calculated L is 2.0812uh. Measured about 2.3 so I guess it's about right. It takes about 84.5 pf to resonate this to 12 mhz. The coil has a 50 pf trimmer and a 39 pf padder for a range of 47 to 89 pf. 73 pf resonated the coil to 12.16 in the measurements. I guess that looks about right (TLAR).

Re-installed the toroid with a 2 turn link. Figured I had dwaddled enough.

POWER!!!!

Had to scurry around and gen up a power source and lashup to get going.

Just happen to have a size 27 12 V RV battery setting behind the operating table from when we lost power for a few hours in the ice storm and I wanted to operate...A few cables and fuse holders and we were almost ready to go. Whoever did the last debugging didn't bother to put the volume control into the ckt, just a phone jack on the audio line...(Is that an ominous sign??) So out of a dusty corner of the closet comes an ancient speaker with lo a plug of the correct type on the end of the cable.....
Get the little light fixture that I got at Fox Auto Parts last week and install a 27ma bulb(why 27??..because they didn't have a 35ma....)

OK, alligator lead for ground...everything out of the way...

Hit the 12 volts line to the light bulb terminal...

CLICK

CLICK????? Whaddyamean CLICK???? That ain't right!!

Hey, the bulb didn't light!!! No pops or smoke....Ahhhh but remember those little three legged fuses....

Check the key line... No It's not scrounged up against anything...Look at the lands for a short.....No.....Ahh... of course not... Not that simple....

Well, there's a transistor that drives that relay, and a keying transistor that turns that on....Sumpins not right ....But we knew that didn't we???....
Looks like work for first thing in the morning....

These late nights have been killing me.... And the badgers are rolling on the floor splitting a gut laughing.......

Lets see...Two days to do seven days worth of real debugging......Sigh...

Tomorrow......

Larry

KA5T Larry Wise Georgetown, Texas lewise@inetport.com QRP-L 89 ex K8OSG W6HED W4ZTB

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997

From: larry.kosch@toltbbs.com
Subject: [12670] DRAKE filter
Message-ID: <9702202238.0VTF301@toltbbs.com>

HI GANG

Iam looking for a cw filter for my R4C rec...The 1.5 or better .500...
Do you have on laying around...Email with your info and price...
TNX and 73 Larry K8EJU

larry.kosch@toltbbs.com

QRP-L 364 ARCI-8012 NORCAL-939 MICH-994 LARRY-K8EJU MAUMEE,OH

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Conard Murray <ws4s@InfoAve.Net>
Subject: [12680] DX-70 ALC QRP mod report
Message-ID: <2.2.32.19970221052804.006c0964@infoave.net>

Thanks to all who responded with information.
I used a 500K pot as a variable voltage divider across a 9 volt battery to supply a negative ALC voltage to tame the DX-70 back to qrp and qrpp levels. As reported, -4 volts results in 5 watts output on 40 meters. Also, I can confirm this corresponds to the last segment of the output meter just winking out.
I can get the power down to unmeasurable levels with this arrangement. I also included a switch to remove the battery from the resistor when not in use, but I imagine that the leakage current (18 uA) will not drain a battery too fast.
I did notice that different bands required a slightly different ALC voltage for 5 watts output, but the output meter indication was the same for 5 watts on all bands. This means that a preset pot won't quite do it for all band operation, but setting the power level is not too bad a chore.
I think I would use the 5/50 watt output option except I like having the 100 watt output available for the Navy MARS SSB circuit. I have seen several evenings there where 1 KW was not able to get the traffic through the QRM! Besides, I like having continuous control of output power. I might try a 10-turn pot in the box after FYBO (assuming we don't get eaten by a bear!).
72,
de Conard WS4S
.-.
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .

.   Cookeville, TN 38501 615-526-4093   .
.   <>< Wise men still seek Him ><>   .
.   QRP-L # 993   .
.-.

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Everett Winsberg" <ewinsberg@coup.wednet.edu>
Subject: [12727] For Sale
Message-ID: <n1355590636.35289@coup.wednet.edu>

For Sale:

Ten-Tec Argonaut 515 in very good condition ($500.00), matching microphone #214 and speech processor #234 ($75.00), CW filter #208-A ($25.00), model #405 80-10 meter amp (175.00). Phone #: (360) 678-3119 or email: ewinsberg@coup.wednet.edu   Everett Winsberg N7BHI. Shipping is extra on the above items. All reasonable offers considered.

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: tahrens1@juno.com
Subject: [12657] Fox Tonight?
Message-ID: <19970220.201924.4895.0.tahrens1@juno.com>

Anybody heard Brian?

Thanks,

Tim W5FN

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: [12689] FS: HTX-100 10m xcvr
Message-ID: <Pine.GSO.3.93.970221025029.22746A-100000@uhunix3>

For Sale: Radio Shack 10m transceiver, CW and SSB, 5W (and QRO 25W),
no manual, no mounting bracket: $125 including shipping from Hawaii.
(If you've got an older computer maybe we can just trade - the computer
is only needed for reading email.)

(Let me sneak in another ad: Computer chess board: $40)

73 from Oahu,
Jeff KH2PZ

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [12651] FSFD
Message-ID: <Pine.SUN.3.90.970129080559.1455C-100000@vortex.sage.dri.edu>

Hi All,

Had a fun time. But most all the work was done in the first
hour of each band!

Total of 53 contacts. 25 on 20m and 27 on 30m.

Server has been down and will take a bit before I can post
the calls of those worked.

Bad QSB......some sigs started at S8 and before the exchange
was done all I could copy was the noise changing!

Thanks to all, cul,

73, Ron,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Mike Duke <gmduke@oscar.teclink.net>
Subject: [12678] fsfd round II
Message-ID: <Pine.GSO.3.95.970220224018.140C-100000@oscar.teclink.net>

For me, the 14th started slowly, but was almost as much fun as the first
run in January.

I got in late, and 40 was full of qro contesters. The HW8 almost had a
nervous breakdown. I switched to 80, and my TS440 set at 4 watts. Worked
the following stations between 0114 and 0230.

AC5AM - LA, K5ID - AR, AE4JA - GA, W2DP - NJ, W8LRM - MI, W9KI - AR, K4WZ
- GA.

Couldn't get anyone's attention on 40 Saturday at 2100, so moved to 30 meters at 10.114. Only qso was vo1sa. That one was with 3 watts from my hw8 into my 80 meter sloper.

I'm sory, but i'll miss the blow out this weekend. Please qsl to the callbook address.

What fun!

72/73 de K5XU

Mike Duke,
Jackson, MS

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [12711] FYBO in Buffalo - NOT!
Message-ID: <199702211811.NAA28868@nss2.CC.Lehigh.EDU>

OK Gang,

Check this one out. I just walked to and from the gym for my noon swim workout without a jacket as the temp is 66F. Yes, THIS IS IN BUFFALO, NY.

Saturdays temperature mult may be history. Come on cold front!

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12665] FYBO Prize List (Refresher)
Message-ID: <199702210259.TAA10591@usr01.primenet.com>

Howdy again folks,

And just to refresh your memories, here's the official FYBO Prize List. Many thanks to all who contributed!

So pick your target prize category and GO FOR IT!

CATEGORY: Random Drawing (Min 5 QSOs with U.S./Canada stations)
PRIZE: TenTec QRP Transceiver kit
SPONSOR: AZ ScQRPions

CATEGORY: U.S. Novice/Tech+ High Score (Minimum 5 QSOs)
PRIZE: NQ7X "VibroFloyd" MiniMagPaddle, built and tested.
SPONSOR: Floyd, NQ7X

CATEGORY: Worked Most U.S. Novice/Tech+ Stations
PRIZE: NA5N's QRP Data Book.
SPONSOR: Paul, NA5N

CATEGORY: Random Drawing (Work at LEAST one N/T+ ham)
PRIZE: A complete set of bound back issues of QRPp, including
       the years 1993, 1994, 1995 and 1996.
SPONSOR: NorCal QRP

CATEGORY: Highest Score with a HB Rig (You Built It = HB)
PRIZE: NA5N's QRP Data Book.
SPONSOR: Paul, NA5N

CATEGORY: Worked Most ScQRPions
PRIZE: SWL-30 Transceiver Kit (band of choice)
SPONSOR: Jay, WA5WHN (Still awaiting Life Membership into
         the MST 3K Club).

PLUS... Two 40-9er kits, Surprise Category. :-)

It's FYBO time folks! YEEEEEEEEEEEHAAAAAW! *cough* *cough*
(Ouch... Gotta quit doin' that. :-))

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12662] FYBO Prize: Hit List for SWL-XX Rig
Message-ID: <199702210253.TAA10253@usr01.primenet.com>

Howdy All,

Here's the ScQRPion "Hit List" for the prize sponsored by
Jay (WA5WHN) and Dave (NN1G). An SW series xcvr kit goes
to whoever works the most ScQRPions. In case of a tie,
Jay will pick the winner from his hat. Which could be a
little grimey after after FYBO. :-)

The following ScQRPions will be on the air for at least
part of the contest. Think of it as a hunting a whole
herd of Foxes. :-)

AB7OA
AB7ST
AB7TT
KB9LGJ
KC7SXW
KF4KRV
KI7MN
KJ7YN
KT3A
N7VE
N9UKX
NQ7K
NQ7X
W5VBO
W7AQK
W9UQB
WB5QYT

Hope to hear you out there!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12722] FYBO: Another ScQRPion for Hit List
Message-ID: <199702212052.NAA01720@usr05.primenet.com>

Yep, me again. :-)

Add one more ScQRPion (brand new one!) to your Hit List
for the SW-XX kit prize.

Bob, N4BP

He and a N/T+ friend will be operating from the 500' platform
of a 1000' tower. Don't even ask about bathroom breaks.... :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: w8lrm@qtm.net
Subject: [12730] IC-707 Mods ??
Message-ID: <199702212205.RAA25035@garcon.qtm.net>

Anyone have info on mods for the 707 ?? Looking
for a VOX and AGC mod in particular but interested
in any others out there. Thanks !!
              ......de....W8LRM.....Al

MI-QRP #41   QRP-L #532   QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Jim <LAGESON@worldnet.att.net>
Subject: [12724] Kite antennas?/FYBO
Message-ID: <19970221210356.AAA3686@LOCALNAME>

I would of liked to drive out onto a frozen lake up here in MN (ice still a
good 20 inches thick)and put up my kite with a long hunk of wire and work
some of the FYBO contest. However my son has a hockey game at 11 am, and
then its off the the local school carnival at 1:00, but I may try and get a
couple hours in late in the afternoon, depending on the weather/wind condx.
So hang in there and I'll give out MN as a mult.

Are there any kite flying qrp'rs out there?? If so what has worked for you
using a kite as a support?? I've put up a longwire with a tuner and my van
as a ground with pretty good results. The kite I use is a "Delta-Conyne"
which has plenty of lifting power to pull up lots of wire. One time I had
so much insulated wire up on a windy day that static arcs were jumping a
good inch. I know others have used kites, just have never had a chance to
exchange ideas.

Good luck, keep warm!

Thanks, 73/72's Jim...N0UR

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "STEVEN V. SELLMEYER" <ss94239@navix.net>
Subject: [12671] LasVegas & QRPers
Message-ID: <330D45D2.66B9@navix.net>

Anyone in LasVegas and QRP??? Myself and another ham are going to be there for two weeks starting March 15. We talked about it today at work and agree to buying coffee or whatever. Don't know what our work schedules will be but hoping for the middle weekend off. Hopefully evenings off during the week. Would be fun to meet other QRPers while there. We both plan on bringing our 2 meter handhelds and of course as Willi put it....a trip to the "candy store" (Amateur Electronic Supply).
   The "secret" is he is not hooked on QRP yet and I need help. Any bait out there??? E-mail me direct so as not to take up bandwidth here. Will know more details in the future.

Hope to hear from someone,
Steve.....WB0QQT

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12701] N/T+ ScQRPion for FYBO 'Hit List'
Message-ID: <199702211536.IAA13398@usr07.primenet.com>

Stop the presses! We've got a Novice/Tech+ ScQRPion
to add to the Hit List!

Kent (AB7OA), Head Chief Guru, Ministry of FYBO Propagation, wrote:

>   When I mentioned I would be an elgible callsign for the 'worked
> most scqrpions' award, I forgot Bill Wattson :-(He will be out to the
> White Tanks in the morning and early afternoon. KC7SLY...valuable
> novice/tech points!

Collect them all, win valuable prizes. :-)

Thanks for the "heads-up" Kent.

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: JFelts4572@aol.com
Subject: [12659] NC38S
Message-ID: <970220213028_2094677666@emout18.mail.aol.com>

Got my NC38S a cooking tonite, did the hi pwr mod then the variable output mod Dan - N7VE posted the other day. Works great, I get 180mw to about 6 watts out. Will put SD and it on the air tomorrow.

Jerry -- NR5A -- Box Elder,SD

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: torell@sicom.com (Kent Torell)
Subject: [12650] Official FYBO Prop Forcast
Message-ID: <v02130504af30f584f509@[192.91.202.41]>

From: FYBO Ministry of HF Propagation
RE: FYBO weekend propagation conditions

This weekend, look for enhanced propagation to Arizona from all points. The Arizona FYBO minions have purloined the Texas Propagation Machine (normally used during Fox hunts), and decoded the operations manual...at least to the point that we can turn it on :-/   It's not clear yet which end to point where. Floyd and Brian will test it out Friday afternoon. Our operations site is close to the Palo Verde Nuclear Plant, so we *think* we can get the required power. Some caution is required here...it looks like one operating mode could result in an ionospheric bubble over the Phoenix area...

Detailed Forcast
        High of 75, low 45. Mostly sunny, winds from the SW at 5 (oops, wrong forcast....shuffle,shuffle...)
        Solar Flux should be low, about 73. The coronal disturbance causing unsettled geomagnetic conditions ended today. Sunday has a possibility of unsettled geomagnetic conditions due to a possibly recurring coronal hole. Predicted A index for Feb 22 is 10. Propagation should be normal.

        Detailed path predictions to Arizona (where else?) Times in UTC

        From New England through Florida, 20 meters peaks from 2100 to

2300, and 40 meters from 0000 to 0300.

From Chicago, 20 meters peaks from 2200 to 0100, and 40 meters from 2300 to 0500.

From Seattle, 20 meters is good from 1700 to 0000, and 40 meters from 2300 to 0500.

From San Franscisco and Denver, 40 meters from 1700 to 0200, and 80 meters from 0200 to 0500.

From San Diego and Albuquerque, 40 meters from 1700 to 2300, and 80 meters from 0000 to 0500.

The ScQRPions will have many operators on all bands, and some high point novice/tech operators as well. Our desert site will be trading operators throughout the day to get as many different calls on the air as possible...even mine! Good luck :-)

Kent Torell torell@sicom.com 602-483-2867 x230
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA qrp-l 57 ARCI 9075 DM33xn 33.55 N 111.078 W

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Mike Duke <gmduke@oscar.teclink.net>
Subject: [12677] OHR EXPLORER TUNING CAP HELP
Message-ID: <Pine.GSO.3.95.970220223759.140B-100000@oscar.teclink.net>

ANY workable ways to keep the little vfo CAP from falling appart whenever you get near the end of the range?

73, de K5XU

Mike Duke,
Jackson, MS

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997

From: Bill Jones <kd7s@psnw.com>
Subject: [12731] Oscilloscope Question (Frequency Measurements)
Message-ID: <330E2645.7B1E@psnw.com>

Friends,

I recently purchased a used B&K 1403A oscilloscope at a swapmeet. It is in absolutely perfect condition and a real bargain for $25. The vertical amplifier frequency response is DC to 5 MHZ (-3dB) while the horizontal amplifier frequency response is DC to 250 kHz. The horizontal sweep frequency is stated as being 10 Hz to 100 kHz in four overlapping ranges. The manual says that frequencies beyond 5 MHZ can be measured through the direct deflection terminals as long as they lie somewhere between 10 Vp-p to 100 Vp-p. I have no problem seeing the output of my (5-watt) 38 Special when it's connected to the scope's direct deflection terminals (in parallel with a dummy load, of course.) Unfortunately, the upper limit of the horizontal sweep frequency is much too low to be able to view just a few cycles of 10 MHZ energy. On the other hand, the scope *does* have provisions for external sync or an external horizontal signal. So, here's the question. Would it be practical to homebrew a saw-tooth generator (higher than 250 kHz, maybe) and feed it to the EXT. SYNC/HOR INPUT binding post in order to improve the resolution somewhat or would the frequency response of the horizontal amplifier send me back to the drawing board? From the schematic I can see no practical method of bypassing the internal horizontal amplifier.

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [12656] Pizza and QRP still on for Friday night (Mtn View, CA)
Message-ID: <199702210207.SAA16709@mail.well.com>

We'll miss you, Chuck, but we're still hungry. :) Pizza is a go for 6:30PM at the pizza place near Two Guys from Italy in Mountain View (the usual place).

Secrets of the SST (including price and features) to be revealed!

73,
Wayne
N6KR

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Pete Rossi <wa3nna@resuba.com>
Subject: [12661] QRP BEACON REPORT *****
Message-ID: <199702210238.VAA00363@resuba.com>

Here is the summary report for the 80 meter QRP beacons which ran on
over the weekend of Feb 8-9 1997.

Sorry for the delay in getting this report out.   Things have been pretty
busy here..

BEACON DESCRIPTION
==================

This beacon test made use of the same automatic power sequencer used in the
previous beacon sessions. This sequencer permits the transmitter to be set
at up to 6 different power levels. Custom software which drives it simply
does the following:

```
  DO FOREVER
      READ THE TIME OF DAY
      SELECT AND SET THE TX POWER LEVEL (based on minutes past the hour)
      SEND CW MESSAGE FOR THE SELECTED POWER LEVEL
  END
```

That's about all there is to it. The power controller has 5 relays which
select one of 5 pots used to set 5 different power levels. The 6th power
level is produced with with all 5 relays off (uses internal TX pot).
Very "low tech" but effective.

The controlling computer is a home-built Motorola 6800 system that I
designed and built back in 1979 (pre-PC days). The software is written
in 6800 assembly language. It includes provisions for keying the
transmitter at each power level for calibration, setting the power level
and code word messages for each level, and setting the CW sending speed.

COMMENTS
========

Band conditions must have been better than they were for the last 80 meter
beacon run almost a year ago. Back then, only 2 out of 74 station were
able to copy the 200 microwatt codeword. This time, 10 out of 29 stations
were able to dig out the 100 microwatt codeword. The band must have been

better.. or noise levels were lower.. In fact, I received several requests to drop the power even lower next time.. I haven't quite decided what to do about those requests. I am looking into alternate ways to control and measure the power levels at those low levels. No guarantees yet..

Unfortunately it seems that during the beacon period, I forgot to check on the solar numbers. I thought of it then totally forgot. I assume they were in the low 70's as they have been for the past several months..

Also, it was not my intention to reuse the same codeword at the 1 mW level from the previous beacon. Somehow, it accidentally did not get changed and I did not realize it until I had started the beacon and decided I best not change it.

I had originally planned to run this beacon for an entire 48+ hour weekend but at the last minute found out that it would be necessary for me to leave for a business trip on Sunday afternoon so I had the shut the beacon down a little earlier. It was either that or reschedule the whole thing for another weekend.. I figured that 2 complete nighttime periods and 1 1/2 daytime periods should be enough..

I am still amazed how well the signals propagate during the daytime on 80 meters. About half of the 100 microwatt reports were during the daytime at distances up to 270 miles.. although the norm was more like 130 miles. The two furthest reports, although at the 1 watt level, were Arizona (2051 miles) and British Columbia-VE7 (2400 miles). Both of these were at about midnight local time. There wasn't much in between. Most of the reports were from up and down the east coast from local 16-25 miles out to 500-600 miles. Maryland and New York were tied at 4 each for most reports (100-200 miles).

Many reported that signals were not as good on the second night as they were on the first.

All in all, reports were received from 14 states + VE7

    AZ CT GA IA MA MD ME MI NC NJ NY OK PA SC + VE7

Once again there was a wide representation of rigs and antennas. I would like to come up with an orderly way to report more detailed information but if there are a decent volume of reports, it is difficult to present the information in a clear that is easy to read, and it quickly get out of hand. I will try to extract highlights of comments from the reports and include station descriptions from some of the lower power level reports.. as time permits.

I keep all of the e-mail received for each beacon in separate mail folders and if anyone ever wants to review all of the reports in detail, I can forward a copy of the complete e-mail folder to you.

CERTIFICATES and QSL CARDS

Certificates confirming reception of your lowest power level codeword received will be available. Jerry, W4UK (ex W4UKU) has once again offered to print them. Those of you who were eligible from past beacons and did not request one don't know what you are missing. If you would like one from a past beacon just drop me some e-mail with your name/call and the date of the beacon and we print one up in the next batch.

I will also provide a special beacon QSL card if you send me one along with an SASE.

FUTURE BEACONS

I hope to do at least 2 more beacons this winter/spring. Like last year, I do not expect to run any through the summer due to higher static levels. I also question how productive they would be and people tend to be busy with other things.. But if there is overwhelming interest I could give one a try. We'll see..

I want to try a beacon on 20 meters but not until springtime conditions start to return and it starts staying open into the evening. Probably during April or May. In the meantime I have a few other ideas I am working on. Stay tuned.. There is more to come.

And now the report details...

---

80 METER QRP BEACON SUMMARY REPORT

0000z Saturday Feb 8 - 1800z Sunday Feb 9 1997

Solar flux (low 70's ?)

A-index ?

WA3NNA/B

3557 KHz

16 Northwood Road, Newtown Square, PA 19073

15 miles west of Philadelphia
FM29hx

Lat. 39 59 6 N
Long. 75 22 46 W
Elev. 415' ASL

Newtown Square coordinates from QRP-L (used in all calculations below)
(I am aprox 1 mile east of this location)
Lat. 39 59 12 N
Long. 75 24 05 W

Transmitter power: The transmitter power was controlled automatically; set at 5 different levels; 2 minutes at each level, (4 minutes at 100 uW) according to the following schedule. A different codeword was sent at each power level. Power output levels were set using TEK 453 scope and 50 ohm dummy load. Power levels 10mW thru 1 watt were also checked with OHR WM-1 watt meter and a 50 ohm dummy load.

------- minutes past hour -------					power	-reference level- (100W)	(1W)
:00-02	:12-14	:24-26	:36-38	:48-50	1 W	-20 dB	0 dB
:02-04	:14-16	:26-28	:38-40	:50-52	100 mW	-30 dB	-10 dB
:04-06	:16-18	:28-30	:40-42	:52-54	10 mW	-40 dB	-20 dB
:06-08	:18-20	:30-32	:42-44	:54-56	1 mW	-50 dB	-30 dB
:08-12	:20-24	:32-36	:44-48	:56-60	100 uW	-60 dB	-40 dB

TX antenna : Full size 80 meter inverted-vee, coax fed,
center @ 60' running east/west

Message Format:

VVV VVV <power> <4 letter codeword> DE WA3NNA/B QRP

The codeword was repeated 3 times at the 100 microwatt
power level.

I have listed the stations copying the codeword grouped at each power level
and then listed in order of miles/watt.

Congratulations to the following who successfully copied the codeword "WIRE"
at 100 microwatts!   Good job!

Special Congratulations to Gary N3GO, for breaking the 3 million miles per
watt level.

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
N3GO	Gary O'Neil	Raleigh NC	FEB 07 0422	340	3,400,000
WA1QVM	Joel Malman	Concord MA	FEB 08 1209	271	2,710,000
WB2VUO	Keith Hibbert	Bergen NY	FEB 09 0235	251	2,510,000
K2AOQ	*Melvin Stoller	Rochester NY	FEB 08 0302	247	2,470,000
K2SJB	David Slade	Ithaca NY	FEB 08 1318	179	1,790,000
K3DRJ	Jim Harding	LaPlata MD	FEB 09 1748	131	1,310,000
KC1FB	Jim Francoeur	Norwalk CT	FEB 08 1620	130	1,300,000
N3XRV	Chris Cartwright	Gaithersburg MD	FEB 08 ----	107	1,070,000
K4CGY	James Owen	Mt Airy MD	FEB 08 1433	102	1,020,000
W3TS	Mike Michael	Halifax PA	FEB 08 0012	87	870,000
W2DP	Bill Creekmore	Delran NJ	FEB 08 0247	24	240,000

N3XRV: Alinco DX-70T w/ 40M dipole.

K4CGY: Ten-Tec Corsair II 75m Invertec V center @135' e/w

W3TS: Receiver rating best to worst: Corsair II OMNI-6 Argosy-2 Delta
Homebrew Delta-2 IC-735 TS-50S i
Antennas best to worst: 80M inv-vee @60' : 150' long 50' high doublet
w/tuner : 30'high 8 band off-center fed dipole.

KC1FB: 100' center fed zepp up 60' e/w

K2SBJ: Emtech 80/20 135' zepp

K3DRJ: 74A-4 40m double zepp w/matchbox

The following successfully copied the 1 milliwatt codeword "TALK"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
K4EJQ	*J.G. Bunky Botts	Blountville TN	FEB 08 1156	445	445,000
KC1DI	David Rowe	Limington ME	FEB 08 0231	353	353,000
WZ2T	Rick Sherman	Duane NY	FEB 08 ----	340	340,000
KG2H	Jim Polewczak	Gansesvoort NY	FEB 08 0331	239	239,000

K4EJQ: R4B Inverted L for 160m - compared copying 1 mw to copying 220MHz EME signal

KC1DI: Ten Tec Scout 500' horiz loop @30'

The following successfully copied the 10 milliwatt codeword "GIRL"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
K4WZ	Ron Todd	Forrest Park GA	FEB 08 0429	662	66,200
K4NK	Les Shattuck	Greenville SC	FEB 09 1052	522	52,200
AA8LF	John Kelly	DeWitt MI	FEB 09 0218	514	51,400
KI4PZ	Rick Sealey	High Point NC	FEB 08 2127	374	37,400
KF2PH	Nick Franco	Patchouge LI NY	FEB 08 0633	137	13,700
KA2PQY	Michael Effron	Milmay NJ	FEB 08 1036	48	4,800
N2CX	Joe Everhart	Brooklawn NJ	FEB 08 2025	16	1,600

The following successfully copied the 100 milliwatt codeword "DOGS"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
KB0ZDF	Dean Miller	Des Moines IA	FEB 08 0925	956	9,560
W2GL	Larry Deering	Bellport NY	FEB 08 0900	140	1,400

The following successfully copied the 1 watt spot signal codeword "LOVE"

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
VE7SL	Steve McDonald	Mayne Island BC	FEB 09 0524	2403	2,403
W7KXB	Bill Harris	Mesa AZ	FEB 08 0530	2051	2,051
KC8CPF	Kristen Kelly	DeWitt MI	FEB 09 0214	514	514
K3BP	Ben Poinsett	Bethesda MD	FEB 09 1313	114	114

VE3SL was the most distant station reporting for this beacon session.

The following submitted reports of hearing traces of the beacon but could not make out any codewords.

CALL	NAME	LOCATION	DATE/TIME	MILES	MILES/WATT
N5JKY	Mike McShan	Edmond OK	--- -- ----	1237	----

* = report submitted by regular mail

Please forgive me if I missed anyone.. or at a particular level.. or otherwise messed up. Turnout for this beacon was down a bit but there was a good showing of stations reporting the 100 microwatt beacon.
Again, thanks to all (most) of you who followed my suggested reporting format. It sure made things easier. Please send me any corrections.

Future beacon info...

I have the following beacons in mind over the winter... Please e-mail suggestions..

20 meters sometime April-May ?

40 meters again ? March?

Send me your suggestions.

Stay tuned to QRP-L for future announcements.

I will be sending out e-mail with certificate information in a few days.

- - - - - - - - - - - -

Until next time, 73 and happy listening!

Pete Rossi - WA3NNA
wa3nna@pete.resuba.com

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: k2sse@juno.com (AL SIRISKI)
Subject: [12658] qrp hamfest update
Message-ID: <19970220.212326.7823.3.k2sse@juno.com>

hi
 thanks to everyone who took time to work me on 40 mtrs last weekend from orlando hamfest. it rained off es on sat and mostly on sunday but sure had fun.
i'll be at brooksville fl on sat feb 22 from 1300 to 1900 gmt on 7043 +or -.
have a 4 watt rig and 300mw with a one element rotary dipole on 40. using a gel cell battery on the table for power.

73

al k2sse orlando,fl

w/o cw its just cb!!!

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Bill Todd <bill@techline.com>
Subject: [12683] Satellite Antenna Question
Message-ID: <1.5.4.32.19970221072854.0067b614@mail.techline.com>

Greetings Group(s) -

I still don't own a multi-mode UHF/VHF rig yet (next purchase, I hope...), but I can still build antennas for the time where I CAN work more than the RS sats.

Anyway, on page 19-30 of the ARRL Antenna Book (15th Edition) shows a "Portable Helix for 435 MHz". It looks fairly simple to build; and I was wondering if anyone on either the NWQ-L or QRP-L had built this particular antenna.

If you have built this particular antenn, how did the performance of this particular antenna work for you? Also, have any of you folks built the 8 element Quagi Antenna on page 18-31 of the same volume? I have built a few of these Quagis for 440-432 MHz, and they work pretty well for reaching repeaters, etc.

On a related topic, does anyone happen to know the freq. range of most of those large home-type (older) TV satelitte dish antennas? I'm speaking of the large ones - not the newer Primestar or even smaller dishes in use today.

I know there have been modification articles of these dishes for amateur use.   Has anyone on either list had success in using one of these for Amateur Sat work?

I'm hoping to have a good ham satellite station operational for this years'

Field Day - and I (we) have to start somewhere :-)

Thanks,
Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12675] ScQRPion 'Hit List' Addition
Message-ID: <199702210428.VAA21968@usr05.primenet.com>

Howdy All,

One more ScQRPion to add to the "Hit List" for the
SW-XX xcvr kit prize:

Keith, WB2VUO

Let him know how his newly-acquired Argo 556 sounds. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: k4wz@juno.com (RON L TODD)
Subject: [12708] sold
Message-ID: <19970221.174108.9887.18.k4wz@juno.com>

THE TEN-TEC AUTO TUNER HAS SOLD

RON TODD K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Glenn E. Scott" <scotty@facade.adm.clarkson.edu>
Subject: [12676] Ten Tec 1340
Message-ID: <78A16193759@FACADE.ADM.CLARKSON.EDU>

Well it's me again with more questions. While I was trying to figure
out the audio problem with my kit, I discovered some things that I

don't understand. I was checking out the lm386 and the supporting componets around the chip and comparing with a spec sheet for the LM386 and found the following;

1. the TT kit has a .1uF cap in series with a 10 ohm resistor bypassing to ground on the output pin #5 of the chip. The spec sheet says a .05uF cap and a 10 ohm resistor should be used.
2. on the TT kit has a 100uF cap on the output pin going to the speaker. The spec sheet calls for a 250 uF cap.
3. on the TT kit,pin #1 has a .1 uF cap bypassing to ground. The spec sheet call for a 100uF cap.
4. on the TT kit, a 10uF cap is connected to pin 1 to pin 8 The spec sheet calls for a 10uF cap in series with a 1.2 k ohm resistor.
5. on the TT kit there is a 10 k ohm resistor in series with the wiper of the 10k ohm volume pot that goes to the input pin of the chip. The spec sheet calls for no resistor, the wiper of the volume control goes directly to the input pin of the chip.

Ten Tec claims the way the LM386 is configured in the kit is for a gain of 200 into a 4 ohm speaker. The spec sheet also claims a gain of 200 into a 4 ohm speaker. So why is there such a difference in the componets? Which one is right ? Should I change any of the componets to match the spec sheet? Could any of these differences be causing some of my problems ? Should I leave well enough alone?

Any suggestions . . - - . . Tnx in advance ..
" 73 " N2ULU (GLENN SCOTT)
QRP-L #403, NE QRP #448, NCARC
Scotty@facade.clarkson.edu

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [12717] To all CQ-Contest@TGV.COM readers (fwd)
Message-ID: <Pine.SOL.3.91.970221134753.18003C-100000@hyper>

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

---------- Forwarded message ----------
From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: lya@juno.com (Lorraine Y Aubert)
Subject: [12672] To Rick, KI4PZ
Message-ID: <19970220.080841.4943.0.LYA@juno.com>

This is in response to Rick's question of whether or not I'm going to use the "40-meter Rubber Duck" in FYBO. NO!!! Unfortunately, that antenna did not work very well. The 'ole standard dipole is way better!! The backpack is ready to go--its sitting here in the living room and I'm all amped for FYBO!

And, THANKS to everyone for the nice warm welcome to QRP-L.

72, Lorraine
AC6XK LYA@juno.com ARS#186 QRP-L#1015

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [12688] Wanted 49-er
Message-ID: <199702211932.UAA11973@mail.med.up.pt>

Hi, fellows,

I am looking for a 49-er - kit, built or not, but without cabinet - I have bought an Altoids can in my last stay in CA and I am keeping it for it.

Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Allan G. Taylor" <ataylor@midas.llnl.gov>
Subject: [12729] Wanted to Buy: 40 M QRP Rig
Message-ID: <199702212204.OAA00965@midas.llnl.gov>

Greetings, QRP-Lers:

I am a new arrival tp QRP-L and would like to begin by asking for help finding a field-worthy 40 cw QRP rig. I prefer 3 - 5 W rather than milliwatt range.

If someone has an EMTECH NW40 or a NorCal 40A or a ? that is cluttering up the table (I saw the stack at N5FO...) let me know! I have a wonderful site picked out with a great east shot near the home QTH that I would like to use for FD97 but the Omni-D won't run very long on a 7AH gelcell!

The default, if I don't find such a rig, is to get a NorCal 40A kit. BUT, my highest
priority is getting the home sloper array back up rather than building.

BTW: I have a corresponding ad set to come out in April QST HamAds.

Grant   K7GT   #1016

k7gt@llnl.gov

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [12655] When requesting NC38S crystal replacement
Message-ID: <199702210207.SAA20264@sierra.psnw.com>

Friends,

I am one of those who will be requesting a replacement crystal for my (second) 38 Special kit. However, I intend to send Doug a padded envelope with a return address sticker already attached along with sufficient return postage. I know Doug well enough to know that he would never ask us to do this on his own. I also know him well enough to know he would appreciate it if everyone did the same.
==========
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
==========

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Jon Iza <ea2sn@jet.es>
Subject: [12687] Why QRP? and positive action
Message-ID: <330DDB20.2B72@jet.es>

Gang,
I was reading the thread on QST letter by Andy. My February QST got home yesterday (yeah, surface mail) so I haven't read it. I have read however

the thread and many of the comments. They are many good and, even, some people has researched how old is Andy, the class of license, etc. So we get the full picture: A young ham, an Extra, 6 months "playing with his new toys" and (my guess) probably trying to "work everything everywhere".
And then, he spends half an hour trying to receive a faint signal thinking it's a "new one" to find later is "a bozo playing with 100 mW nearby his very backyard" (take it easy, I say a bozo for usually the bozoes (sp) and bozettes are the ones having the most fun!).
I won't start mumbling now about he's being right or not. I'm DOING something.
So here is the scoop:

+ Send me email about the times you have had FUN with QRP. Yessir, I want all these OF tales you are keeping for your grandchildren about QRP, the joy of building something and enjoying it while communicating with others. Deadline: February 28!

+ I will write a nice message for Andy. I will enclose all messages from you.

+ I will pack it and send it to Jim Cates togheter with some green bills for Jim to send Andy a shiny 38 Special kit and all essages.

Then, we will wait and see. Let's hope Andy will be on the QRP ranks soon.
Be well.
jon, ea2sn
P.S. Remember, February 28! Keep the emails coming!
BTW. I will scrape the quote from my email when sending it to Andy ;-)
--
Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>
** One's needs are proportional to the square of his/her incompetence **
URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA
EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Brian Cieslak <brianc@ams-i.com>
Subject: [12694] WI Fox Results - Feb 21-AE9K
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_1-970221144919Z-60@ams-i-server-1.ams-i.com>

A tough night for this fox.Lots of noise and few sigs heard. Band was a real roller coaster ride. Strong sigs at first then nothing then strong then nothing. DSP helped a little but not much this time. Everything seemed to dry up after 03:00Z, must have been that color burst contest on 80 ;-)

I did hook a couple of unsuspecting souls, particularly the lonely Cuban in Havanna City, Dennis, CO2CN. He was intrigued by QRP and would like

to see the schematics for some home brew rigs..Can we send that
technology to Cuba? He had the cleanest sig I've heard out of Cuba?

Thanks to Pete, W6ZH who came back at 04:00 Z for a qso...At least I
knew I was getting out...Are those 2 elements cut for 40M?

```
VE7SL     559  BC   STEVE 769
K5OI 559  NM   TIM       73
N6XU 339  CA   STAN 66
K1MG 349  CA   MIKE 614
KE4YH     559  FL        590  * sorry can't read my writing
N7VE 559  AZ   DAN  696
W6ZH 339  CA   PETE 257
NQ7X 449  AZ   FLOYD     143
WI6I/9    559  IL   RIC  5W
W9UQB 559 AZ   MIKE 413
KI7MN     479  AZ   BOB  271
```

Note : no tx's in the list

72,
Brian AE9K

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [12695] WTB JPS ANC-4
Message-ID: <1.5.4.32.19970221150551.006a68fc@adsnet.com>

There was a thread here on the reflector regarding the JPS ANC-4 noise
canceller a few weeks back. All those messages have long been erased.
Anyone know where the best deal on one of these can be found? They list for
$175 and AES sells them for $169.95. Thought I would ask here before
hitting the 800 numbers.

72/3 de Allen, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [12648] Re: "WHY QRP?" letter in Mar QST
Message-ID: <19970220.185733.4679.0.wb2vuo@juno.com>

-------- Begin forwarded message ----------
From: martin38945@juno.com
Subject: Re: "WHY QRP?" letter in Mar QST
From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [12715] Re: /QRO?
Message-ID: <3.0.1.32.19970221134133.0098a1b0@tiger.avana.net>

He was making a point I think-and was simply asking that "we" not call him.
Fine with me.
72/73

Ed Tanton N4XY   EMAIL: n4xy@avana.net   TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663   G-QRP#6779   OK-QRP#172   QRP-L#758   AdvRC#140
NORCAL#1779   NCDXF   SEDXC

Life Member: ARRL   AMSAT   IDRA   INDEXA   QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Dean T. Miller" <dtmiller@dsmnet.com>
Subject: [12674] Re: 38S xtal requests
Message-ID: <9702210419.AA24917@dsm7.dsmnet.com>

Hi Preston,

At 10:12 PM 2/20/97 -0500, PDouglas12@aol.com wrote:
>Gang,
>
>Bill KD7S had a capital suggestion. If you got a bum xtal from Norcal the
>ideal way to get a new one is to send Doug Hendricks a small padded SASE.

I'd like to -- but I lost the address. :>

Would you happen to have it??

-- Dean -- from Des Moines   (KB0ZDF)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: PDouglas12@aol.com
Subject: [12697] Re: 38S xtal requests
Message-ID: <970221101521_-1240072709@emout05.mail.aol.com>

Gang and Dean,

I knew I should have dug out Doug's address. By now others have posted Doug's address. I assume that if you sent your SASE to Jim already, it will be just fine too. Jim and Doug are friends. :-) Anyway here's Doug's address again.

OBTW I hope nobody confuses me with Doug. Douglas is my LAST name. He's the one with class.

Send your SASE to
Doug Hendricks
862 Frank Ave
Dos Palos, CA 93620

72, Preston WJ2V

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [12654] Re: 40-9er availible?
Message-ID: <Pine.SUN.3.95.970220174713.26332A-100000@cln>

Mike, maybe if we're all really really really good, they'll bring out the SST!
 73's VE7SKT (qrp-l # 34)

On 20 Feb 1997, Mike P wrote:

> Thanks for the responses. I did order the 38 s but was hopeing for the 40-9er.
> Oh well :> Looking forward to future radios that can fit in tins.
> Mike
>
>
>
>

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997

From: john andrews <jm165723@eee.org>
Subject: [12720] Re: CQC Swap List Update(REAL bargains!)
Message-ID: <330DF27F.3D2@eee.org>

Marshall G. Emm wrote:
>
> The CQC Swap List has been updated. You can point your browser to:
> http://www.mtechnologies.com/mthome and look for the CQC logo near
> the bottom of the page.

Thanks, Marshall

The club and commercial QRP companies should'nt be overlooked. The
clubs and companies are doing an oustanding job of getting parts
and kits out.

1. CQC has one of the nicest pages I've seen. The swap page has some
   real bargains. I had forgotten how easy it is to join and what
   a "deal" it is.

2. One of the best bargains today are the QRP crystals on the NorCal
   page. Doug and Jim's adr. is there if you need help. I often see
   requests for 49er kits- The kit is no longer avail. but the PC
   artwork is in the '96 QRPp "yearbook" of all 4 issues. Simple
   board- make one! NorCal membership is the best deal going- FREE.
   QRPp is only $15.00 and more info for the money then anything I've
   seen.

3. Wilderness had a real-deal of a Semi-kit in the KC-1 at one time.
   Not sure if the deal is still on, contact Bob at Wilderness.

4. Embedded, Wilderness, Ten-Tec, etc. are doing a great job. Building
   is NOT a dead art. It just gets better. The 40-40 had such a great
   following it had a book written about it(Qrp Power :-). Mr Gregson
   just keeps hammering out great kits. Even his "old" designs are
   alive and well.

FWIW-
John- N5INZ

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [12718] Re: Cross reference for HW-8 diodes - FL1100
Message-ID: <3.0.1.32.19970221134907.0098d6b0@tiger.avana.net>

Karl... it seems to me that Dans Small Parts had a nice little $10 balanced

mixer kit.
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: NilsBull@aol.com
Subject: [12725] Re: Cuba & exported technology
Message-ID: <970221161740_1846026917@emout06.mail.aol.com>

In a message dated 97-02-21 11:41:15 EST, ccashion@spdmail.spd.dsccc.com (Charles Cashion) writes: "What about a xerox copy of a magazine article?"

For starters. The mail to Cuba takes about 2 months. It has to go to Langley, VA to get sniffed at by the Organs of State in the (non-existent) NSA labs. If you just send a schemo, I'd bet the dogs would only pee on your stuff a little. Of course, they'd pee on your name in the data banks too, but that'd be tolerable. For the moment. When they give your name to the Church of Scientology, then you have a problem. But most of the Co$ is part of the anti-SubGenius "con," so you'd become a de-facto mutant believer in J.R. "Bob" Dobbs and still get off with a wrist slapping.

The truth is, anything that you can get, Cubans can get. It just takes a little longer and it takes a lot more money. A lot more. Transistors and tubes and the like they can get through Mexico or Canada -- two countries now on the USA (s)hit list 'cause they don't let their international relations and sovereignty be subjugated or perverted by the Helms-Burton law. What Cuba can't get from Mexico or Canada they can get from China and a couple other places with which the US has favored nation trading status, despite any number of human rights violations.

Reminds me of this ironic quote from Fidel's Moncada Barracks Trial defense speech:
"When men carry the same ideals in their hearts, nothing can keep them isolated: neither walls of prisons nor the sod of cementeries. For a single memory, a single spirit, a single idea, a single conscience, a single

dignity, will sustain them all."

Fidel Castro
History Will Absolve Me

(pg 13, Jonathan Cape, London edition, 1967)

73
QRP o muerte. . .Venceremos!
Nils
WB8IJN +c

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [12693] Re: Debugger #1 Day 5
Message-ID: <330DB396.2945@harksystems.com>

You've had this radio for 5 days and havent powered it up
YET!? ;D The first thing I look for is SMOKE! Usually
that tells me where to look first!
I should confess that standard equipment on my "bench" is a
fan at the back to blow across the desk to keep the smoke
out of my eyes!!
--
73, Randy WJ4P
QRP-L #296 ARCI #9152 1996 40-9er High Scorer Modifier of Fine Radios

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
Subject: [12716] Re: December QRPp - Lost in Space??
Message-ID: <jo4ozCAAvdDzEwbD@stevef.demon.co.uk>

Nothing received here yet.
--
Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [12664] Re: Fox Tonight?
Message-ID: <199702210256.TAA00182@dancris.com>

At 09:22 PM 2/20/97 EST, you wrote:
>Anybody heard Brian?
>
>Thanks,
>
>
Just got him on 7.037. Way down in the mud.
73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

http://www.dancris.com/~ki7mn

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [12668] Re: Fox Tonight?
Message-ID: <Pine.A41.3.95q.970220200943.25300B-100000@hector.NMSU.Edu>

Tim:

Yes he was on earlier. Got him close to opening. Don't hear a thing now though (except for KL7SA - Rod, calling cq on 037!)

Tim K5OI

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [12673] Re: Fox Tonight?
Message-ID: <Pine.LNX.3.91.970220201234.17788C-100000@dt1.datatamers.com>

Gang,
Brian was extremely weak at my location near San Francisco. I could hear him in there, but no way was I going to be able to work him, so didn't even call him. Missed out again!
72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [12723] Re: FYBO: Another ScQRPion for Hit List
Message-ID: <Pine.LNX.3.93.970221155723.1127D-100000@dns.vidtel.com>

On Fri, 21 Feb 1997, Joe Gervais wrote:

> He and a N/T+ friend will be operating from the 500' platform
> of a 1000' tower. Don't even ask about bathroom breaks.... :-)

Of course the guys at the 0' level might win in the "worst weather"
category. "Well is kinda started raining, an then.... "

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
-- | http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [12726] Re: FYBO: Another ScQRPion for Hit List
Message-ID: <Pine.SOL.3.91.970221162715.20341B-100000@hyper>

On Fri, 21 Feb 1997, Joe Gervais wrote:

> Add one more ScQRPion (brand new one!) to your Hit List
> for the SW-XX kit prize.
> Bob, N4BP
> He and a N/T+ friend will be operating from the 500' platform
> of a 1000' tower. Don't even ask about bathroom breaks.... :-)
I won't show this to Bruce, W4OVU who will be joining me tomorrow. He's
a fellow "Licensed in '55 Extra" and a top notch operator.
Bathroom breaks? Look out beloooooooooow!
GL to everyone participating!

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: n1pwu@juno.com (Robert K Berlyn)
Subject: [12663] Re: HB Electronics
Message-ID: <19970220.214653.16526.0.N1PWU@juno.com>

Joel,

Thanks for your kind words.

I am a QRP'er and I started HB Electronics to cater to the QRP as well as the Ham radio community in general.

Your observations are correct. I try to stock stuff that QRP'ers, (who I believe are at the heart of the home brewing activity in this day and age), will want.

Your right, my selection of kits is, well, somewhat limited. So Ill let the cat out of the bag. I am designing a 40 meter QRP rig. It will be a kit, 1 - 2 watt out, superhet, built in key er, digital frequency display, built in SWR bridge., etc.

Look for it, hopefully (if all continues as well has it has so far) this fall.

I recently mailed hundreds of my 1997 catalogs, many to members of the list. If you don't have one soon, E-Mail me and Ill send one to you.

PLEASE PLEASE PLEASE don't push that reply button. Send your request to me at:
HB.Electronics@Businesson.Com

I use this JUNO account to read QRP-L, and there is so much traffic I am affraid I might miss a catalog request.

Thanks
Bob Berlyn
HB Electronics
N1PWU QRP-L # 161 NE-QRP # 226
East Greenwich, RI
HTTP://www.businesson.com/HAMPARTS

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: N9DD@aol.com
Subject: [12710] Re: NC38S (Power Mod and Current Consumption)
Message-ID: <970221131043_-804356962@emout03.mail.aol.com>

Hi Jerry,

You recently wrote:

<Got my NC38S a cooking tonite, did the hi pwr mod then the variable output mod Dan - N7VE posted the other day. Works great, I get 180mw to about 6 watts out. Will put SD and it on the air tomorrow.

Jerry -- NR5A -- Box Elder,SD>

How does varying your output power effect the current consumption of the rig?

I planned on running mine from 8 AA alkaline batteries. I found this worked fine before I put the 5 Watt mod in. Running at 5 watts really put a drain on the batteries though and I had to switch to a power supply to continue playing with my 38S.

Tom N9DD
South Bend, IN

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [12652] Re: Old Radios and Radioactive paint question
Message-ID: <Pine.SUN.3.90.970114141449.10546E-100000@vortex.sage.dri.edu>

Hi Nils,

Shoot, we used to paint our finger nails with that there "glow in the dark" radioactive paint!

I'm still here and ain't even glowing yet! (Well, maybe when Carol sez the right things I might start glowing a little but that's another subject!)

Gee, we also used to keep a little Mecury in our pockets to keep our coins, (when we had any!), all nice and shinny.....dito with the still here and not shinning yet!

But why not complete the circle and just use a good, strong, haz mat type of paint remover and they you don't have to sand it??

Gotta run, I think I hear someone outside the window.....

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [12686] RE: QRP: What constitutes...
Message-ID: <970221083451Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB@MHS>

> As far as I know the QRP limits are 5 Watts for continuous carrier
> modes like CW, RTTY, FM etc., and 10 Watts PEP for SSB type
> transmissions.
>
> I know that I've only been a QRPer since the 80s and there were other
> definitions before, but as long as I can remember these were the
> limits.
>
> Regards - Dave (G0DJA)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12699] Re: ScQRPion 'Hit List' Addition
Message-ID: <199702211522.IAA12898@usr07.primenet.com>

Howdy again Folks,

Yet another ScQRPion crawls out from under the
wood chips. :-)

Add one more to the "Hit List" for the SW-XX xcvr:

Paul, W8KC

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [12666] RE: Syrup-tin dummy loads
Message-ID: <3.0.16.19970220172353.33476192@mail.lightside.com>

My dummy load is a Twinings Orange Pekoe Tea can using paralled 200 ohm 2 watt resistors. (I really prefer Earl Gray).

Dan Hogan
West Covina, CA
dhhogan@lightside.com

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Trey Garlough <trey@kkn.net>
Subject: To all CQ-Contest@TGV.COM readers

To all CQ-Contest@TGV.COM readers:

AD1C, KM3T, N4VJ & I have each chipped in on a new server running Majordomo to support various ham-radio-related mailing lists, including CQ-Contest@TGV.COM. Internet connectivity for this service is bring provided by Akorn Access, Inc., of Alpharetta, GA. All current active subscribers have been added to the subscription list at the new site. Shortly you will receive a message welcoming you to the new server, and a copy of the updated CQ-Contest FAQ.

Effective immediately, all postings to the CQ-Contest mailing list should be sent to

CQ-Contest@Contesting.COM

and all SUBSCRIBE and UNSUBSCRIBE requests should be sent to

CQ-Contest-Reqest@Contesting.COM

The monthly CQ-Contest archives are no longer accessible via FileServ@TGV.COM. Messages posted to CQ-Contest will soon be browsable through the URL

http://www.contesting.com/_cq-contest

Many thanks to TGV Software and Cisco Systems for supporting the CQ-Contest@TGV.COM mailing list for the past six (!) years. Please direct all questions about this change to me, not to the CQ-Contest list. Also, please note that I have a new email address, trey@kkn.net.

--Trey, N5KO

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Larry East <w1hue@amsat.org>
Subject: [12702] Re: What's a "QSO"?
Message-ID: <2.2.16.19970221155101.2c377f2e@eloi>

At 11:12 PM 2/20/97 EST, you wrote:
>I think that "2-way" or 2 X is something the ARRL requires
>for awards. Or it could have been SSB / CW and would not
>count. This would only pertain to cards submitted for awards.
>
I have WAS awards (one general and one for 80M), four different DXCC awards (CW, Mixed, 10M and 40M) along with assorted other awards. A quick sampling of my QSL card collection indicated that fewer than 10% had "2x" indicated on them. Almost all of them, however, had "Confirming QSO with..." on them. I've never had a card refused by the ARRL or any other award granting entity because it failed to show "2x" on it (or for any other reason, for that matter).

Lets drop it and get on with out lives, OK?

72, L.

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: Stanley Wilson <microres@crl.com>
Subject: [12706] Re: What's a "QSO"? ARRL and refused QSL's
Message-ID: <Pine.SUN.3.91.970221082256.2376A-100000@crl13.crl.com>

I have never had a card refused due to "2X", however, I have had two cards refused for DXCC awards.

1) The station had written over the date. It was obvious to me, but the arrl would not accept it.

2) rare country which the ARRL had not approved of in advance. Bummer

If I had someone return a card to me for "2X", I would file it in the round file. Gee fellows this is a hobby. Do not need all this up tight stuff in a hobby. Worrying over a QSL card is like the fox and the grapes. Lets get on with some technicl stuff or hints on how to make the hobby better. Like anyone going to work the future SHF satallite, etc.

de stan ak0b

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [12690] Re: When requesting NC38S crystal replacement
Message-ID: <9701218565.AA856538783@smtpgw.ccgate.dl.nec.com>

     Bill and all:

     I'd be happy to do this AND send a little green support,
     but what is Doug's address? Remember, the kits came from
     Jim Cate's place, not Doug's.

     I just want to get this critter running - what ever it
     takes (been foolin' with it for 2 weeks, wife's very happy
     we know what's wrong now - I can stop pacing the floor!)

     So, Doug, where are you and can we help you?

     73 de Dave NR3E

_____ Reply Separator _____
Subject: When requesting NC38S crystal replacement
Author: kd7s@psnw.com at smtplink-dl
From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [12691] Re: When requesting NC38S crystal replacement
Message-ID: <199702211350.FAA22716@sierra.psnw.com>

Dave and Friends,

>   but what is Doug's address?
>   73 de Dave NR3E

Doug's address is:

Doug Hendricks
862 Frank Avenue
Dos Palos, CA 93620

==========
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com

==========

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: kd7s@psnw.com (Bill Jones by way of Jim Francoeur KC1FB
<jim_kc1fb@pipeline.com>)
Subject: [12692] Re: When requesting NC38S crystal replacement
Message-ID: <1.5.4.32.19970221135724.00671800@pop.pipeline.com>

OOps!

I just put my SASE in the mail to Jim Cates........should I try to pull it?

Jim KC1FB
>   but what is Doug's address?
>   73 de Dave NR3E

Doug's address is:

Doug Hendricks
862 Frank Avenue
Dos Palos, CA 93620

==========
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
==========

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Ed Hare" <qrp-l-list@arrl.org>
Subject: [12732] Re: Why did QST print it??
Message-ID: <5el8rr$v0o@mgate.arrl.org>

Gary M - W2UX <MAIL4GARY@worldnet.att.net> wrote:

>My question is "Why did QST print an obviously childish stab at QRP". >They must
be getting short on things to print in the Corres=
pondence >section of the magazine.

Some time back, we decided that we should not refrain from publishing the letters that represented a reasonable expression of a controversial opinion. Since that time, we have published a number of letters that opine about various aspects of Amateur Radio and ARRL actions and policies. IMHO, this is a good thing in that ARRL's Correspondence column does not represent only a mirror of ARRL "policy", but can actually become more of a public forum for discussion about controversial topics (albeit a slow one. :-)).

>I think that everyone on the list should send QST a
>tastefully worded reply to the letter in question. It is our hobby and >they tell us it is our magazine. Let them know that we di=
d not >particularly care for the negative press.

>One man's opinion.

And I encourage you to offer that opinion as a Correspondence item, too. I have seen a number of "threads" running in the Correspondence column and a hearty and constructive response could help ensure that this is one, too.

Do keep in mind that there are a number of active QRPers here on staff, so the QRP community has more friends at ARRL than they might know. (See QRP Classics, page 2. I did finally get a haircut!)

72/73 from the ARRL Lab,
Ed Hare, KA1CV
ARRL Laboratory Supervisor

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Ed Hare" <qrp-l-list@arrl.org>
Subject: [12733] Re: Why QRP? and positive action
Message-ID: <5el9n7$v0o@mgate.arrl.org>

Jon Iza <ea2sn@jet.es> wrote:

> + Send me email about the times you have had FUN with QRP. Yessir,
>I want all these OF tales you are keeping for your grandchildren about
>QRP, the joy of building something and enjoying it while communicating
>with others. Deadline: February 28!

My favorite QRP tale involves a ham (whose call I have forgotten) in Florida. One day the band was open gangbusters to FL from CT. I was

running my usual 250 milliwatts and called a station in FL (all on CW). He gave me the usual 599 (hah!) and was surprised to learn I was 1/4 watt. He dropped power from 100 watts to 50 watts and asked if I could still hear him. :-) We went back and forth, with him being quite surprised when he got down to a watt or so. Then he lowered power again and told me I couldn't hear him now because the needle on his power meter was just moving. "569, OM" was my reply. Again he tried to get me, saying that he couldn't see the needle move at all. "529, OM - pse QRP," I replied. "._..." he said. He then came back, about as weak as I could imagine. I stuggled and got most of it, and heard him turn it back to me. I then admitted he had me; I could only copy about 80%, so I asked him to turn it up. He came back, HI HI, quite surprised that I had just copied 5 watts into his dummy load!

My second favorite tale involved one of those Carribean islands. A VP2E station was on 40 CW, running them like gangbusters. I was in there with 250 milliwatts, to little avail. He had quite a rhythm going, working one, 599, 599, QRZ? Each time he said QRZ, the pileup got going, he picked one, then moved on to the next. Then he heard a buddy calling. They exchanged 599s, then he told his friend that he was having a good time, etc., then bid him a fast 73. Well, just as he was wrapping it up with his buddy, one fellow decided to tail end (but the wrong tail), the rest of the pileup jumped in, and next thing the whole of US was calling him, just as he bid his farewell. Right about the time he saisd "73, QRZ?" everyone stopped, not knowing that he was just starting to listen for the next caller. There was a moment of dead silence, just as one weak station send "KA1CV." He came right back to me "KA1CV ur 599K." Well, the devil made me do it. I said "599, pwr hr 250 wm 73 K." I could just hear all the jaws drop as everyone in the pileup wondered how they had just been beaten out by a QRPer. I still gloat to this day. :-)

72/73 from the ARRL Lab,
Ed Hare, KA1CV

> + I will write a nice message for Andy. I will enclose all messages
>from you.
> + I will pack it and send it to Jim Cates togheter with some green
>bills for Jim to send Andy a shiny 38 Special kit and all essages.
>Then, we will wait and see. Let's hope Andy will be on the QRP ranks
>soon.
>Be well.
>jon, ea2sn
>P.S. Remember, February 28! Keep the emails coming!
>BTW. I will scrape the quote from my email when sending it to Andy ;-)
>--
>Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>
>** One's needs are proportional to the square of his/her incompetence **
>URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA

>EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202
>

--

73 from ARRL HQ,
Ed Hare, KA1CV
ARRL Laboratory Supervisor

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: na5k@juno.com (Smitty Smith)
Subject: [12709] re:Why QRP? letter
Message-ID: <19970221.115203.10942.0.na5k@juno.com>

James Bennet, KA5DVS wrote:

>At first glance, I was somewhat irritated by the letter. On Tuesday
>evening I gave a talk/demo on QRP at a local club meeting. I
>decided to open my presentation by reading the letter. It really
>seemed to get the discussion flowing. I then played a tape of a
>
> ... etc ...
>

There have been numerous posts on this subject, but I think that I like James Bennet's response best so far :-)

Concerning Adam Mclaughlin, KD6POC, I have to be impressed. Yes, he is a 17 year old Extra class ham. That in itself impresses me.

And, I am not upset with the letter that he wrote to QST. I wonder if he is one of the "hapless" operators who have actually dug out the QRP signals. Apparently Adam does occasionally find himself in the presence of QRPers because he often hears them "boasting of their accomplishments".

He makes a good argument, "But who has the true bragging rights?" We find ourselves transmiting some kind of a peanut whistle signal that someone on the other end manages (through good operatoring techniques) to copy. We should certainly be appreciative of the guy on the other end. Anybody who has tried in vain to copy the FOX can understand this (ESP helps). (Note that there are also many QRP signals that are easy to copy)

However, I have also heard QRO signals that are weak. And, futhermore, is someone forcing these "hapless" operators to dig out a QRP signal? Probably not. So, what is the deal? What's the harm? A tiny weany QRP signal is not QRMing anyone. Those who wish to work a weak signal, can do it, those who don't want to work a weak signal, don't do it. Nuff sed!

Towards the end of his letter, Adam asks the following question:

    "Why not put out the best signal you can?"

Did he use the word "best" as opposed to "strongest" by accident? There is a lot to be said about the best QRP signal. It involves a clean transmitter and it involves a GOOD ANTENNA SYSTEM. Yes, I know that there are those who don't have the room for the ultimate antenna, however, no matter what we string up, it has to be the best we have or we won't be heard.

Now, the big question: "WHY QRP?"

   I like the thrill of knowing that you CAN work folks with low power!
   I like the company of QRPers!
   I like to build and use the kits!
   etc. etc.....

What an easy question. Thanks for asking it, Adam.

CUL,

Smitty NA5K

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [12707] Re: WI Fox Results - Feb 21-AE9K
Message-ID: <199702211741.LAA28092@multi13.netcomi.com>

From: bogie 1
Priority: high
Subject: Foxhunt strategy status report

Warning -- DO NOT accidentally copy this to the QRP-L list. If it got into the wrong hands, we could have a disaster.

We knew it was risky, but it looks like the new strategy worked:

```
>
> VE7SL   559  BC   STEVE 769
> K5OI    559  NM   TIM      73
> N6XU    339  CA   STAN 66
> K1MG    349  CA   MIKE 614
> KE4YH   559  FL        590  * sorry can't read my writing
> N7VE    559  AZ   DAN  696
> W6ZH    339  CA   PETE 257
> NQ7X    449  AZ   FLOYD    143
> WI6I/9  559  IL   RIC  5W
> W9UQB 559    AZ   MIKE 413
> KI7MN   479  AZ   BOB  271
>
> Note : no tx's in the list
```

Thanks to Bogie 6 for the creative suggestion. It seems to have had exactly the desired effect.

Next meeting will be at the usual place and time. While Chuck is eating pizza at the decoy meeting, we will be working on phase 2 of the new scheme. Please remember to bring your part of the "wide dispersal ionospheric modifyer model X-38". Doug reports that deployment of the remote units has gone extremely well and that most of them are currently operational. First limited test of the whole system will proceed as planned this Saturday during FYBO. Won't they be surprised!

There is one setback to report. The secret listening devices that we planted in the 2N2222 cases are not yielding the information that we hoped. We're not sure what has gone wrong, but the range is poor and they seem to be breaking into oscillation -- we keep hearing noises that sound like, "Yeeeeeeeeehaaaaaaaaaaaaaaaa". Bogie 6 thinks that the victim, uh..., target may have damaged the tri-polar omnidirectional antennas (the ones made to look like preformed transistor leads) by bending them.

One last reminder: When QSOing someone from Arizona, do NOT assume that he knows about the CA-AZ cooperation treaty. Only certain individual Zonians have been recruited into the "Mutual Cooperation Alliance". It is best to assume that the other op has no idea what is going on, and leave the Project communication to the usual secure channels.

That's all for now.

72/73/123/ 86764 45038 34081 33498 65010 33896 22389 45883 11103 28887 22392 44599 33402 67748 39892 08813 38829 33854 22765 34944 22934 and finally 34097.

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [12669] Re: WM-2 Wattmeter
Message-ID: <Pine.OSF.3.94.970220213556.14888A-100000@fly.HiWAAY.net>

Hey John, you mentioned the WM-2 wattmeter by OHR, how much is that kit?
Is it a complete kit, or what? I guess it would be best if I look it up
on the web page, if it is there? Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: n4js@amsat.org
Subject: [12685] Re: WM-2 Wattmeter
Message-ID: <XFMail.970221003900.n4js@amsat.org>

On 21-Feb-97 Carol N. Wright expounded:
>Hey John, you mentioned the WM-2 wattmeter by OHR, how much is that kit?
>Is it a complete kit, or what? I guess it would be best if I look it up
>on the web page, if it is there? Best 72 DE Matt, AE4JM
>
>
>
>
Yep, it's on the web page BUT, there is a group buy going on. (I didn't know
about it, and ordered direct from OHR. Somebody, fill Matt in on the group buy,
please?

               Sent at 00:39:00 on 21-Feb-97
    _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
   | \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
   | .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
   |_|_| |_| __/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
   NE-QRP #507 G-QRP #9544 Norcal #???? QCWA Life Member

From owner-qrp-l@Lehigh.EDU Fri Feb 21 18:05:28 1997
From: PDouglas12@aol.com
Subject: [12700] Re: WTB JPS ANC-4

Message-ID: <970221102838_1946656952@emout04.mail.aol.com>

Allen,
You asked about buying a JPS ANC-4 noise cancelling device. Good move.

Call Davis RF at PO Box 730-C, Carlisle, Mass. 01741 tel 1800- 328 4773.
 They are JPS dealers. They do business in an unusual way. You call them.
 You give them your order and your call sign. They ship ups ground. You get your package. It come with an invoice. You sent them a check for the invoice amount. They guarantee satisfaction too. What an outfit. (I am not a shareholder or otherwise interested in their company.)

Their price is $155 plus shipping--noticeably better than JPS will charge you. This is typical of mfrs protection of their dealers--the mfr won't undercut them. And incidentally, email me for JPS's tech notes on setting up the ANC-4 to respond to QRP levels below 3W (~3W or more will trigger the RF changeover relay as the unit comes from the factory).

72,

Preston WJ2V